

VALVES - 1997

A. Valves in service within the City and valves installed by Denver Water in Total Service Contract Areas.¹

Size	Type of Valve	Total ¹ 1-1-97	Additions	Reductions	Total ¹ 12-31-97
1"	Gate	10	-	-	10
1-1/4"	Gate	5	-	-	5
1-1/2"	Gate	20	-	-	20
2"	Gate	121	-	(1)	120
2"	Pressure Regulating	1	-	-	1
2-1/2"	Gate	1	-	-	1
3"	Gate	96	1	(26)	71
4"	Check	1	-	-	1
4"	Gate	411	26	(26)	411
4"	Pressure Regulating	5	-	-	5
6"	Butterfly	1	-	-	1
6"	Check	9	-	-	9
6"	Gate	13,318	373	(120)	13,571
6"	Pressure Regulating	71	-	-	71
8"	Ball	1	-	-	1
8"	Butterfly	2	-	-	2
8"	Check	11	-	-	11
8"	Gate	9,500	347	(41)	9,806
8"	Pressure Regulating	49	1	(1)	49
8"	Cone	1	-	-	1
10"	Ball	2	-	-	2
10"	Butterfly	1	-	-	1
10"	Check	1	-	-	1
10"	Gate	399	4	(2)	401
10"	Pressure Regulating	20	-	(1)	19
12"	Ball	1	-	-	1
12"	Butterfly	6	-	-	6
12"	Check	5	-	-	5
12"	Cone	1	-	-	1
12"	Gate	8,226	178	(17)	8,387
12"	Pressure Regulating	20	1	-	21
14"	Butterfly	2	-	-	2
14"	Cone	1	-	-	1
14"	Gate	58	-	-	58
14"	Pressure Regulating	3	-	-	3
15"	Gate	4	-	-	4
16"	Ball	4	-	-	4
16"	Butterfly	172	1	-	173
16"	Check	1	-	-	1
16"	Cone	6	-	-	6
16"	Gate	141	-	(4)	137
16"	Pressure Regulating	9	-	-	9
18"	Butterfly	8	-	-	8
18"	Cone	2	-	-	2
18"	Gate	38	-	-	38
18"	Pressure Regulating	1	-	-	1
20"	Ball	5	-	-	5
20"	Butterfly	127	4	-	131
20"	Gate	40	-	-	40
20"	Pressure Regulating	4	-	-	4
24"	Ball	1	-	-	1
24"	Butterfly	355	2	-	357
24"	Cone	1	-	-	1
24"	Gate	174	-	(1)	173
24"	Pressure Regulating	4	-	-	4
30"	Ball	4	-	-	4
30"	Butterfly	80	-	-	80
30"	Check	2	-	-	2
30"	Cone	9	-	-	9

¹Valves in supply mains and station piping valves are not included.

(Continued next page)

VALVES - 1997 (Continued)

A. Valves in service within the City and valves installed by Denver Water in Total Service Contract Areas (Continued). ¹

<u>Size</u>	<u>Type of Valve</u>	<u>Total¹</u> <u>1-1-97</u>	<u>Additions</u>	<u>Reductions</u>	<u>Total¹</u> <u>12-31-97</u>
30"	Gate	80	-	-	80
30"	Pressure Regulating	1	-	-	1
36"	Ball	2	-	-	2
36"	Butterfly	90	2	-	92
36"	Cone	6	-	(1)	5
36"	Gate	45	-	(3)	42
42"	Butterfly	46	1	-	47
42"	Check	2	-	-	2
42"	Gate	7	-	-	7
48"	Butterfly	15	1	-	16
48"	Check	1	-	-	1
48"	Cone	1	-	-	1
48"	Gate	10	-	-	10
54"	Butterfly	13	-	-	13
54"	Gate	7	-	-	7
W"	Butterfly	3	1	-	4
W..	Gate	9	-	-	9
72"	Butterfly	4	-	-	4
84"	Butterfly	5	-	-	5
	Totals	<u>33,919</u>	<u>943</u>	<u>(244)</u>	<u>34,618</u>

B. Valves within Total Service Contract Areas at beginning of the contract (estimated). ²

<u>Size</u>	<u>Type of Valve</u>	<u>Total¹</u> <u>1-1-97</u>	<u>Additions</u>	<u>Reductions</u>	<u>Total¹</u> <u>12-31-97</u>
3"	Gate	3	-	-	3
4"	Gate	45	1	(5)	41
6"	Check	1	-	-	1
6"	Gate	594	4	(14)	584
6"	Pressure Regulating	4	-	(1)	3
8"	Check	1	-	-	1
8"	Gate	306	7	(7)	306
8"	Pressure Regulating	3	-	(1)	2
10"	Gate	25	-	(1)	24
10"	Pressure Regulating	2	-	-	2
12"	Gate	110	1	(1)	110
16"	Butterfly	1	-	-	1
16"	Gate	8	-	-	8
	Totals	<u>1,103</u>	<u>13</u>	<u>(30)</u>	<u>1,086</u>

C. Total Valves. ¹

<u>Type of Valve</u>	<u>Total¹</u> <u>1-1-97</u>	<u>Additions</u>	<u>Reductions</u>	<u>Total¹</u> <u>12-31-97</u>
Ball	20	-	-	20
Butterfly	931	12	-	943
Check	35	-	-	35
Cone	28	-	(1)	27
Gate	33,811	942	(269)	34,484
Pressure Regulating	197	2	(4)	195
Totals	<u>35,022</u>	<u>956</u>	<u>(274)</u>	<u>35,704</u>

¹Valves in supply mains and station piping valves are not included.

²Excludes totals for City of Littleton.